Attorney File Ref: RO-4474 As a below-named Inventor, I hereby declare that: My Residence, Post Office address and Citizenship are as stated below next to my name. I believe that I am the original, first and sole inventor I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: INFORMATION PROCESSING USING A SOFT OUTPUT VITERBI ALGORITHM the Specification of which is attached hereto was filed on ____August 9, 1999 as U.S. Application or PCT International Application No.__ ` ☐ and was amended on __ _ (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified Specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the Examination of the Application in accordance with Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign Application(s) for Patent or Inventor's Certificate listed below and have also identified below any foreign Application for Patent or Inventor's Certificate having a filing date before that of the Application on which priority is claimed: Priority PRIOR FOREIGN APPLICATION(S) Claimed Date Filed: _ Number: Country: Date Filed: __ Number: Country: I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional Application(s) listed below. Date Filed: Application Number: Application Number: Date Filed: I hereby claim the benefit under Title 35, United States Code, §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States Application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the National or PCT International filing date of the Application. Application Number: _____ Date Filed: Application Number: __ Date Filed: Status: Application Number: . Date Filed: Status: Dallas F. Smith , Registration No. 34,074 and R. John Haley c/o Nortel Networks Corporation, Intellectual Property Law Group, P.O. Box 3511 Station C, Ottawa, Ontario, Canada, K1Y 4H7, and telephone no. (613) 721- 3014 as my Agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the Application or any Patent issued thereon. Signature of First Inventor: Full Name of First or Sole Inventor: Bin LI Residence Address: Ottawa, Ontario, Canada Post Office Address: #1908-1316 Carling Ave., Ottawa, Ontario, Canada K1Z 7L1 Full Name of Second Inventor (if any): x Sept. 22. 99 Wen TONG Residence Address: Country of Citizenship: Ottawa, Ontario, Canada Canada Post Office Address: #903-1000 Castlehill Cres., Ottawa, Ontario, Canada K2C 3L7 Signature of Third Inventor: Full Name of Third Inventor (if any): Date: Country of Citizenship: Residence Address: Post Office Address:

Form NTP (04/99)

Additional inventors on attached Page 2